



Missouri Crop Progress and Condition

Released August 2, 2021

There were 6.2 days suitable for fieldwork for the week ending August 01, 2021. Temperatures averaged 79.4 degrees, 2.5 degrees above normal. Precipitation averaged 0.88 inches, 0.09 inches above normal. Topsoil moisture supply was rated 1 percent very short, 10 percent short, 85 percent adequate, and 4 percent surplus. Subsoil moisture supply was rated 6 percent short, 89 percent adequate, and 5 percent surplus. Corn silking was 89 percent, compared to the 5-year average of 95 percent. Corn dough was 54 percent, compared to the 5-year average of 56 percent. Corn condition was rated 1 percent very poor, 7 percent poor, 28 percent fair, 54 percent good, and 10 percent excellent. Soybeans blooming was 65 percent, compared to the 5-year average of 68 percent. Soybeans setting pods was 31 percent, compared to the 5-year average of 34 percent. Soybeans condition was rated 2 percent very poor, 6 percent poor, 33 percent fair, 53 percent good, and 6 percent excellent. Cotton setting bolls was 74 percent, compared to the 5-year average of 49 percent. Cotton condition was rated 9 percent poor, 43 percent fair, and 48 percent good. Rice headed was 46 percent, compared to the 5-year average of 49 percent. Rice condition was rated 2 percent poor, 32 percent fair, 49 percent good, and 17 percent excellent.

Days Suitable for Fieldwork and Soil Moisture Supply: Week Ending August 1, 2021

State	Days Suitable for Fieldwork	Topsoil Moisture Supply				Subsoil Moisture Supply			
		Very Short	Short	Adequate	Surplus	Very Short	Short	Adequate	Surplus
		(percent)	(percent)	(percent)	(percent)	(percent)	(percent)	(percent)	(percent)
Missouri	6.2	1	10	85	4	-	6	89	5

- Represents zero.

Crop Progress – Missouri

Item	Week ending			2016-2020 Average
	August 1, 2021	July 25, 2021	August 1, 2020	
	(percent)	(percent)	(percent)	(percent)
Corn silking	89	79	94	95
Corn dough	54	37	52	56
Soybeans blooming	65	52	71	68
Soybeans setting pods	31	19	36	34
Cotton setting bolls	74	52	27	49
Rice headed	46	40	32	49
Alfalfa hay 2nd cutting	89	84	92	94
Alfalfa hay 3rd cutting	16	4	41	39
Other hay cut	93	90	(NA)	(NA)

- (NA) data not available.

Corn Condition – Missouri

Date	Very Poor	Poor	Fair	Good	Excellent
	(percent)	(percent)	(percent)	(percent)	(percent)
August 1, 2021	1	7	28	54	10
July 25, 2021	1	7	26	56	10
August 1, 2020	2	4	20	57	17

Soybeans Condition – Missouri

Date	Very Poor	Poor	Fair	Good	Excellent
	(percent)	(percent)	(percent)	(percent)	(percent)
August 1, 2021	2	6	33	53	6
July 25, 2021	2	7	30	55	6
August 1, 2020	1	5	22	56	16

Cotton Condition – Missouri

Date	Very Poor	Poor	Fair	Good	Excellent
	(percent)	(percent)	(percent)	(percent)	(percent)
August 1, 2021	-	9	43	48	-
July 25, 2021	-	7	26	67	-
August 1, 2020	2	10	40	47	1

- Represents zero.

Rice Condition – Missouri

Date	Very Poor	Poor	Fair	Good	Excellent
	(percent)	(percent)	(percent)	(percent)	(percent)
August 1, 2021	-	2	32	49	17
July 25, 2021	-	2	29	55	14
August 1, 2020	1	6	29	42	22

- Represents zero.

Pasture Condition – Missouri

Date	Very Poor	Poor	Fair	Good	Excellent
	(percent)	(percent)	(percent)	(percent)	(percent)
August 1, 2021	-	4	26	65	5
July 25, 2021	-	3	22	62	13
August 1, 2020	1	10	29	54	6

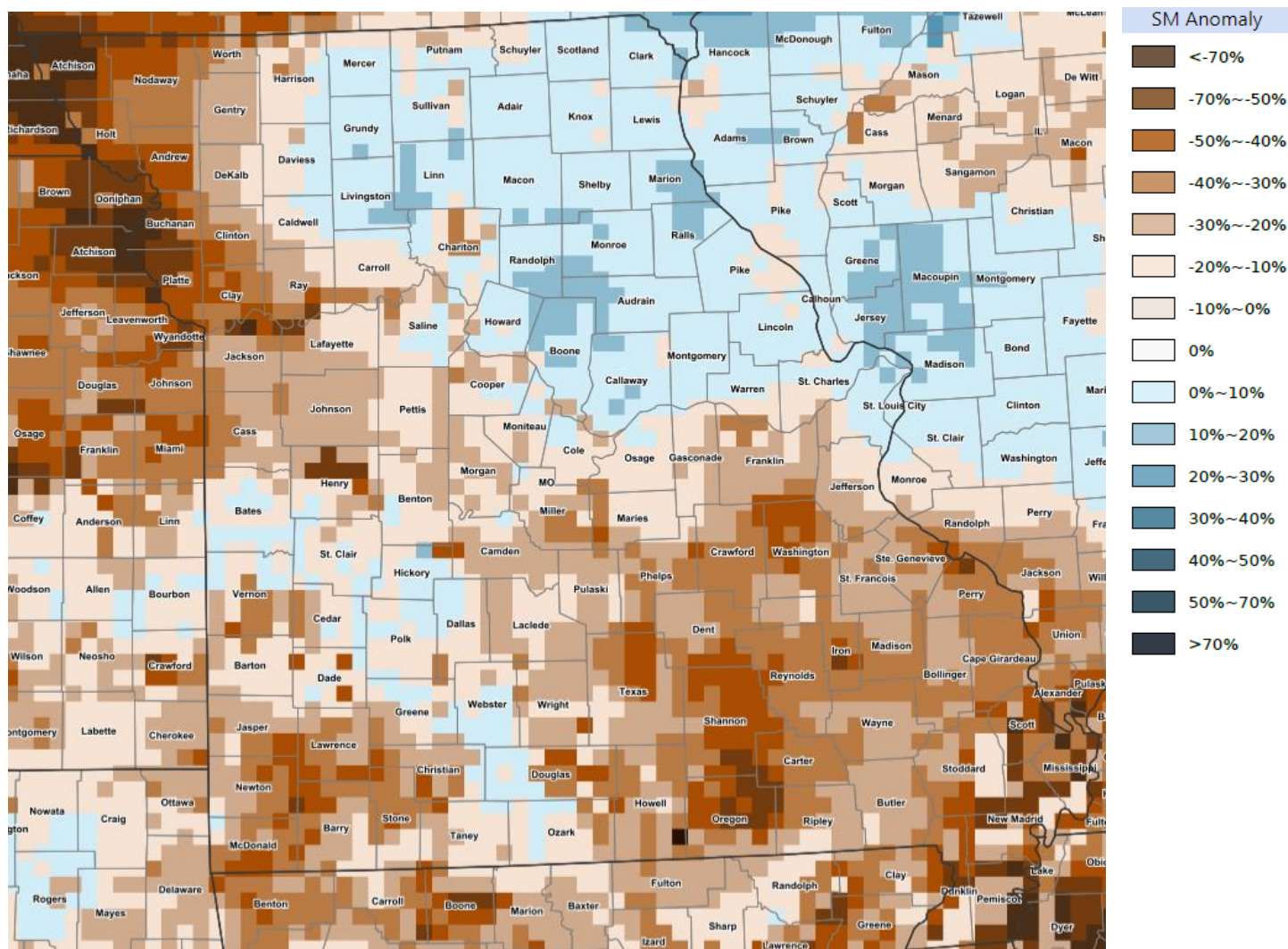
- Represents zero.

Supply of Hay and Other Roughages and Stock Water Supply: August 1, 2021

State	Supply of Hay and Other Roughages				Stock Water Supply			
	Very Short	Short	Adequate	Surplus	Very Short	Short	Adequate	Surplus
	(percent)	(percent)	(percent)	(percent)	(percent)	(percent)	(percent)	(percent)
Missouri	1	8	88	3	-	2	91	7

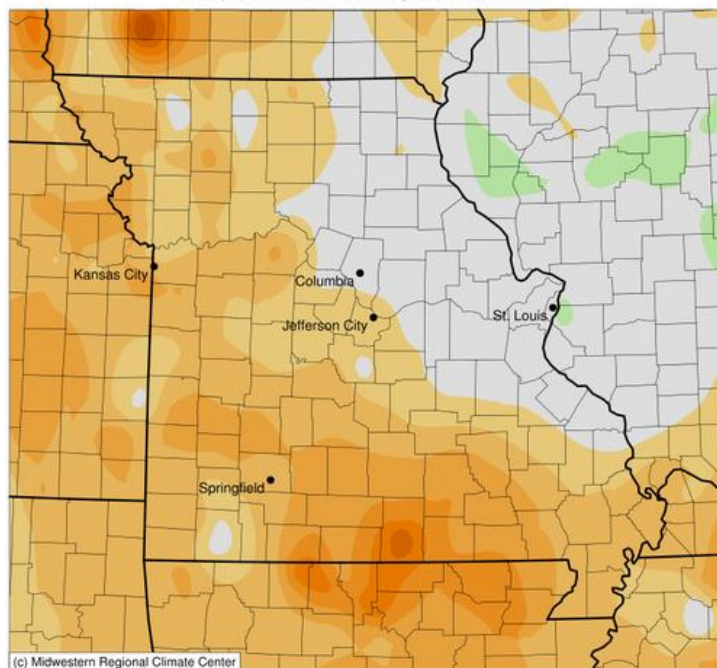
- Represents zero.

Soil Moisture Deviation from Historical Average – July 30



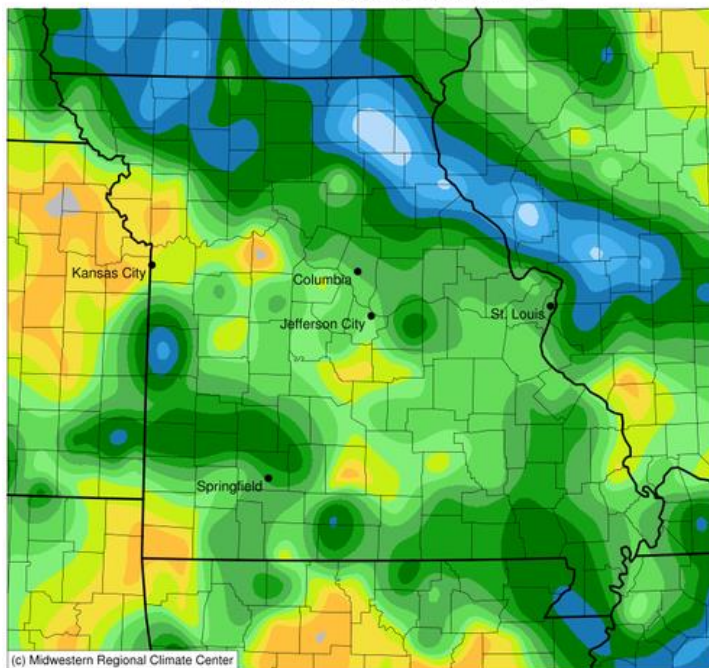
<https://cloud.csiss.gmu.edu/Crop-CASMA/>
 (historical average includes 2015-2020)

Average Temperature (°F): Departure from 1991-2020 Normals
July 26, 2021 to August 01, 2021



-5 0 5
Stations from the following networks used: WBAN, COOP, FAA, GHCN, ThreadEx, CoCoRaHS, WMO, ICAO, NWSLI, Missouri FSA, Missouri Mesonet, Midwest Regional Climate Center
cli-MATE: MRCC Application Tools Environment
Generated at: 8/2/2021 10:51:23 AM CDT

Accumulated Precipitation (in)
July 26, 2021 to August 01, 2021



0.01 0.05 0.1 0.2 0.3 0.5 0.75 1 1.5 2 2.5 3 4
Stations from the following networks used: WBAN, COOP, FAA, GHCN, ThreadEx, CoCoRaHS, WMO, ICAO, NWSLI, Missouri FSA, Missouri Mesonet, Midwest Regional Climate Center
cli-MATE: MRCC Application Tools Environment
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